

Work Order ID 96747

Friday, February 01, 2013 9:14:15 AM

96747

Page 2

Item ID: D3943-041

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Ground Handlling Crank Assembly

Stop

NS2

Start Date: 2/1/2013 Start Qty: 6.00

6

Cust Item ID:

Required Date: 2/15/2013 Req'd Qty: 6.00

6

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

120

120

QC

Quality Control

Operation
Description

QC6- Inspect dimensions to drawing

Set Up/
Run Hours

0.00

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

SmB
0.00
132.19

2

130

130

Large Fab

Large Fab

Memo

0.00

Memo

0.00

1-Disassemble chain host as per dwg

2-Drill handle ass'y (D3943-051) as per dwg

X

6

2/13-4-11

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6

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID
131

131

Large Fab

Large Fab

Operation
Description

Set Up/
Run Hours
0.00

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

140

140

QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

DAS

16

9-30

13 (w2) 11

CL 13-4-11

180

180

Packaging

Packaging

Pick Kit

0.00

Memo

0.00

⑥ GL 13-4-11

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Page 4

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Start Date: 2/1/2013 Start Qty: 6.00

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Cust Item ID:

Required Date: 2/15/2013 Req'd Qty: 6.00

6

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center ID

190

190

Large Fab

Large Fab

Operation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

0.00

Memo

0.00

1-Assemble as per dwg
(assy lanyard CBL-1240 to CBL-460)
2-touch up with paint if necessary

EL 13-4-15

191

191

Large Fab

Large Fab

0.00

Memo

0.00

Remove gear assembly cover (underside of chain hoist) and add enough general
duty grease to cover entire gear assembly.
Apply LPS 3 to entire gear assembly and gear assembly cover so that a seal will
be created when the cover is reinstalled
Reinstall gear assembly cover

EL 13-4-15

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Page 5

Item ID: D3943-041

Accept

N900040100

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Item Name: Ground Handlling Crank Assembly

Stop

NS2

Start Date: 2/1/2013 Start Qty: 6.00

6

Cust Item ID:

Required Date: 2/15/2013 Req'd Qty: 6.00

6

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

200

200

QC

Quality Control

Operation
Description

QC5- Inspect part completeness to step on W/O

Set Up/
Run Hours

0.00

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

210

210

Packaging

Packaging

Identify as per dwg & Stock Location:

Memo

0.00 PPP90118 1X

0.00 PPP94174 1X

0.00 PPP96441 1X

0.00 PPP97569 1X

0.00 PPP91356 2X

220

220

QC

Quality Control

QC21- Final Inspection - Work Order Release

Memo

0.00

6x

SP
13-4-15

13/4/15 J

MF

13-4-15

CALIBRATION
ID D3943-041 B96747
BY PD/G DATE 13/4/15
DUE 1 year of first use

Picklist Print

Friday, February 01, 2013 9:14:13 AM

Page 1

Work Order ID: 96747 4
Parent Item: D3943-041 Start Date: 2/1/2013
Parent Item Name: Ground Handlling Crank Assembly Required Date: 2/15/2013
Comments: IPP Rev:A New Issue 09-06-02 EC Verified By: JLM IPP RevB: add DEO DD 09.11.18
 verified by:JLM IPP Rev:C as per dwg REV.C DD 10.02.22 verified by:EC IPP
 REV:D 11.08.16 AS PER REV.E DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4405-1 Eye and Fork Swivel		Manufactured	No			180	Each	16.0000	1	6	6	12-4-15	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				st376		16							
				70986		5							
				84352		3							
				90214		2							
				91965		6							
8143919 Lever Chain Hoist		Purchased	No			110	Each	0.0000	1	6	6	96747 R-20	
D3943-051 Handle Assembly		Manufactured	No	91932 x 6		180	Each	0.0000	1	6	6	13-4-15	
D3943-053 Chain Assembly		Manufactured	No	91935 x 6		180	Each	0.0000	1	6	6	13-4-15	
D3943-3 Handle Extension		Manufactured	No			180	Each	11.0000	1	6	6	13-4-8	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST075		6							
				91864		6							
				WA001		5							
				90004		5							
CBL-1240 Cable		Purchased	No			180	f	1,139.5655	1	6	6	GP 3/04/08	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				GA		1139.565534							
				113565		3.911789							
				119690		387.00006							
				122190		248.653685							
				123283		500							

Picklist Print

Friday, February 01, 2013 9:14:14 AM

Page 2

Work Order ID: 96747

Parent Item: D3943-041

Parent Item Name: Ground Handlling Crank Assembly

Start Date: 2/1/2013

Required Date: 2/15/2013

CBL-460
Loop Sleeve

Purchased No

180 Each 783.0000

2

12

2/13/01/08

D3585-1
Set.Screw

Manufactured No

180 Each 56.0000

1

12

2/13-4-11

~~D3949-041~~
Remove before Flight Flag Assembly

Manufactured No

180 Each 10.0000

1

6

2/13/01/08

B85227

4X

D3954-7
Ratchet Lug

Manufactured No

180 Each 12.0000

1

6

2/13-4-8

AN5-11A
Bolt

Purchased No

180 Each 299.0000

1

6

2/13-4-8

AN960-516
WASHER

NAS1149F0563P Purchased No

180 Each 68.0000

1

6

2/13-4-8

Location
ST362

Loc Qty Loc Code

123533

299

299

68

68

Location
ST504

Loc Qty Loc Code

110098

68

68

Location
ST504

Loc Qty Loc Code

110098

68

68

Picklist Print

Friday, February 01, 2013 9:14:14 AM

Page 3

Work Order ID: 96747

Parent Item: D3943-041

Parent Item Name: Ground Handlling Crank Assembly

Start Date: 2/1/2013

Required Date: 2/15/2013

Start Qty: 6.00

Required Qty: 6.00

MS21042LS

Purchased

No

180

Each

1,214.0000

1

6

EL 13-4-8

Nut

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST314	514	
-------	-----	--

108827	4	
--------	---	--

116548	43	
--------	----	--

119109	20	
--------	----	--

121652	12	
--------	----	--

122452	423	
--------	-----	--

2937	12	
------	----	--

ST506	700	
-------	-----	--

123900	700	
--------	-----	--

S1475

SPRING

Purchased

No

180

Each

22.0000

1

6

Q 13-4-8

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST392	22	
-------	----	--

117812	2	
--------	---	--

123641	20	
--------	----	--

3408A59

BALL PLUNGER

Purchased

No

180

Each

5.0000

1

6

Q 13-4-8

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST397	5	
-------	---	--

122028	5	
--------	---	--

HX-15

1/4-20 UNCx3/4 S.H.C.S.

M125264X1

Purchased

No

180

Each

61.0000

1

6

Q 13-4-8

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST285	61	
-------	----	--

114383	17	
--------	----	--

117865	44	
--------	----	--

Picklist Print

Friday, February 01, 2013 9:14:14 AM

Page 4

Work Order ID: 96747

Parent Item: D3943-041

Parent Item Name: Ground Handlling Crank Assembly

Start Date: 2/1/2013

Required Date: 2/15/2013

Start Qty: 6.00

Required Qty: 6.00

HX-16

Purchased

No

180

Each

191.0000

3

18

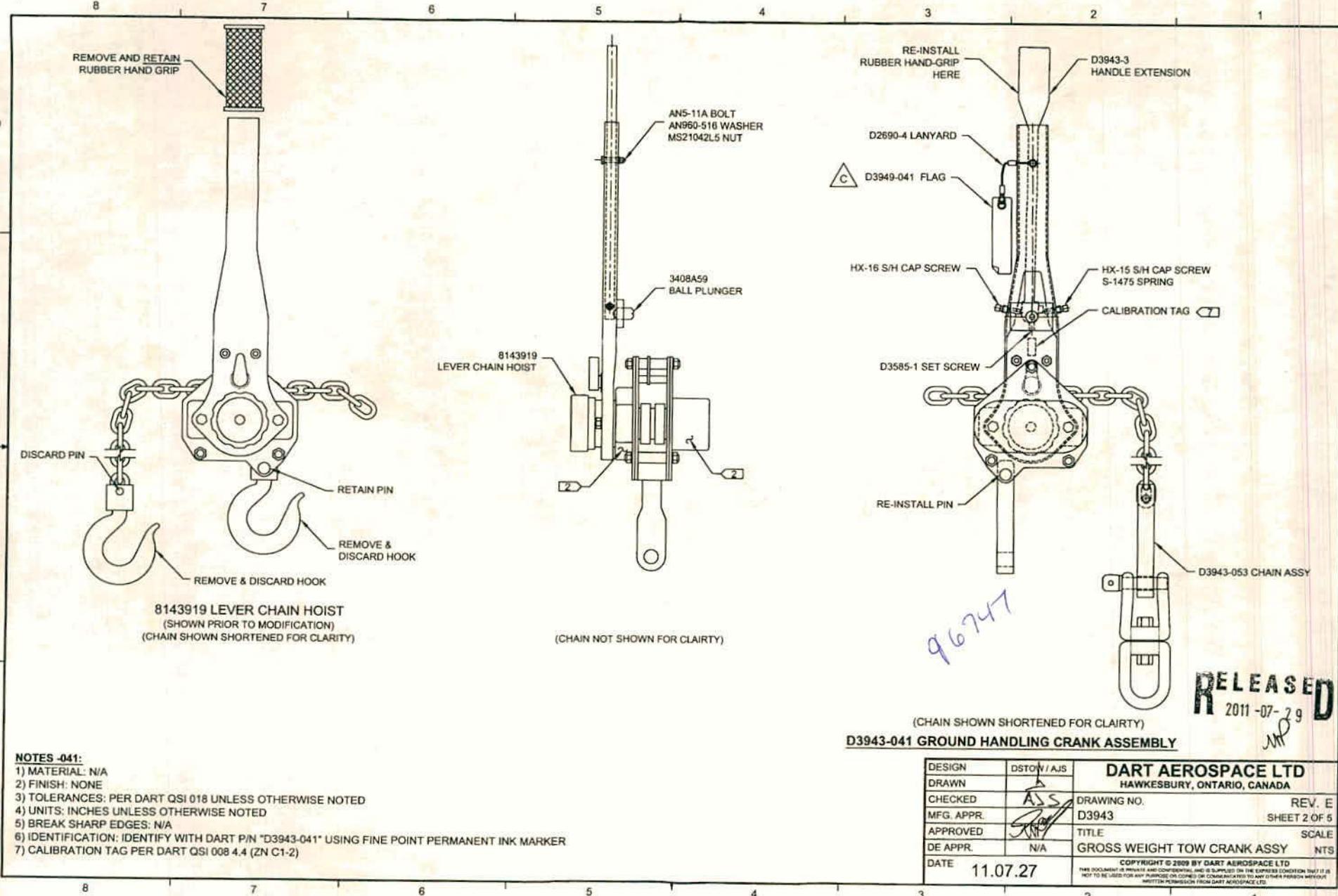
EL 13-4-8

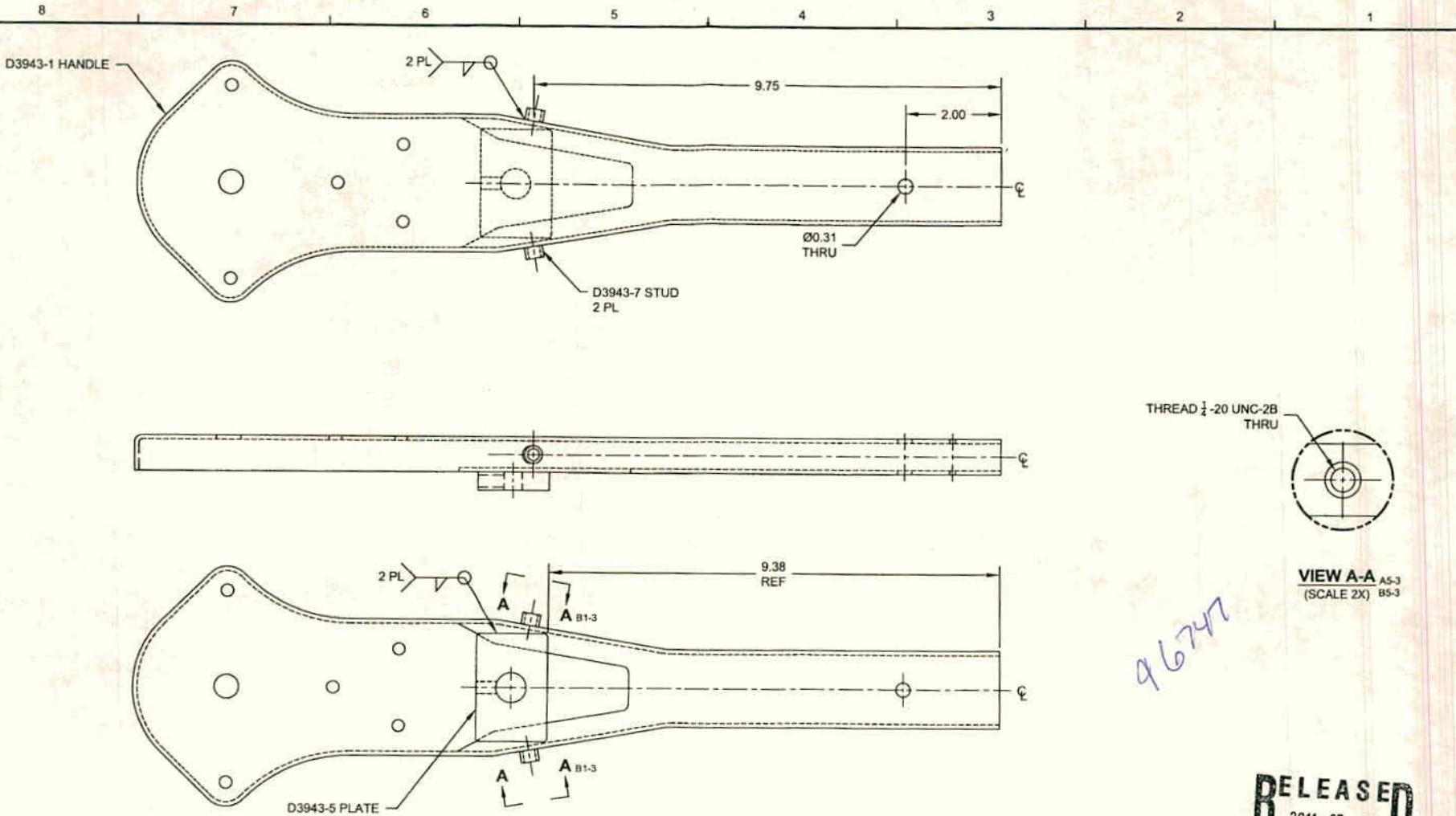
<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST285	191	
113771	56	
117346	85	
117865	50	

ITEM No.	QTY -041	QTY -051	QTY -053	PART NUMBER	DESCRIPTION	PREFERRED SUPPLIER	8	7	6	5	4	3	2	1
1	X			D3943-041	GROUND HANDLING CRANK ASSEMBLY									
5	1	X		D3943-051	HANDLE ASSEMBLY									
6	1		X	D3943-053	CHAIN ASSEMBLY									
D	11		1	D3943-1	HANDLE	M/F HANDLE FROM DIS-ASSEMBLED ITEM 39								
	12	1		D3943-3	HANDLE EXTENSION									
	13		1	D3943-5	PLATE									
	14		2	D3943-7	STUD									
	15		1	D3943-9	CHAIN	USE CHAIN SUPPLIED WITH ITEM 39								
	16		1	D4405-1	EYE AND FORK SWIVEL									
	21	1		D2690-4	LANYARD									
	22	1		D3585-1	SET SCREW									
	23	1		D3949-041	REMOVE BEFORE FLIGHT FLAG									
	24		1	D3954-5	CHAIN LUG									
	25	1		D3954-7	RATCHET LUG									
C	26		1	D3954-9	GWT CHAIN PIN									
	31	1		AN5-11A	BOLT									
	32	1		AN960-516	WASHER									
	33	1		MS21042L5	NUT									
	39	1		8143919	LEVER CHAIN HOIST (POWER FIST)	PRINCESS AUTO / 4000 lbs CAPACITY								
	51	1		S-1475	SPRING	REID SUPPLY								
	52	1		3408A59	BALL PLUNGER	McMASTER CARR								
	53	1		HX-15	SOCKET HEAD CAP SCREW 1/2-20 UNC X 0.75 LG	HASKINS								
	54	1		HX-16	SOCKET HEAD CAP SCREW 1/2-20 UNC X 1.0 LG	HASKINS								

E	CHANGED D3945-3 MATL TO SS (B8-5); FINISH NOW "NONE" (A7-5); TAP DRILL FOR 1/4-20 UNF-2B WAS PILOT HOLE NOTE (B1-5). PER PAR11-113.	MB	11.07.27
D	SHT 1 PL, ITEMS 51-54 RENUMBERED SEE PREV. REV. FOR DETAILS, ITEM 16 ADDED (VIEWS UPDATED), SHT 2 ZN D3 FLAG RELOCATED, SHT 3 ZONE D3, Ø0.12 HOLE DELETED. (SEE NCR 11-495)	AJS	11.05.16
C	RMV FINISH-041 (ZN A8-2), ADD NEW FINISH -051/-053/-1/3 (A8-3/A1-5), ADD CALIBRATION (A8-2). (1) HX-16 WAS HX-15 (B3-1, C3-1), PAR 10-001	CP	10.01.26
B	SHT 1 PL, ITEM 31 WAS AN4-10A, ITEM 32 WAS AN960-416, ITEM 33 WAS MS21042-4, ITEM 43 WAS 0.75 LG. SHEETS 2 - 5 NOTES: FINISH FOR ALL COMPONENTS NOW YELLOW SPRAY PAINT.	AJS	09.10.15
A	NEW ISSUE	AJS	09.05.13
REV.	DESCRIPTION	BY	DATE
DESIGN	DSTO/N / AJS	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED	ASS	DRAWING NO.	REV. E
MFG. APPR.		D3943	SHEET 1 OF 5
APPROVED	W	TITLE	SCALE
DE APPR.	N/A	GROSS WEIGHT TOW CRANK ASSY NTS	
DATE	11.07.27	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY OTHER PURPOSE OR BY ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

896747
RELEASED
2011-07-29
M





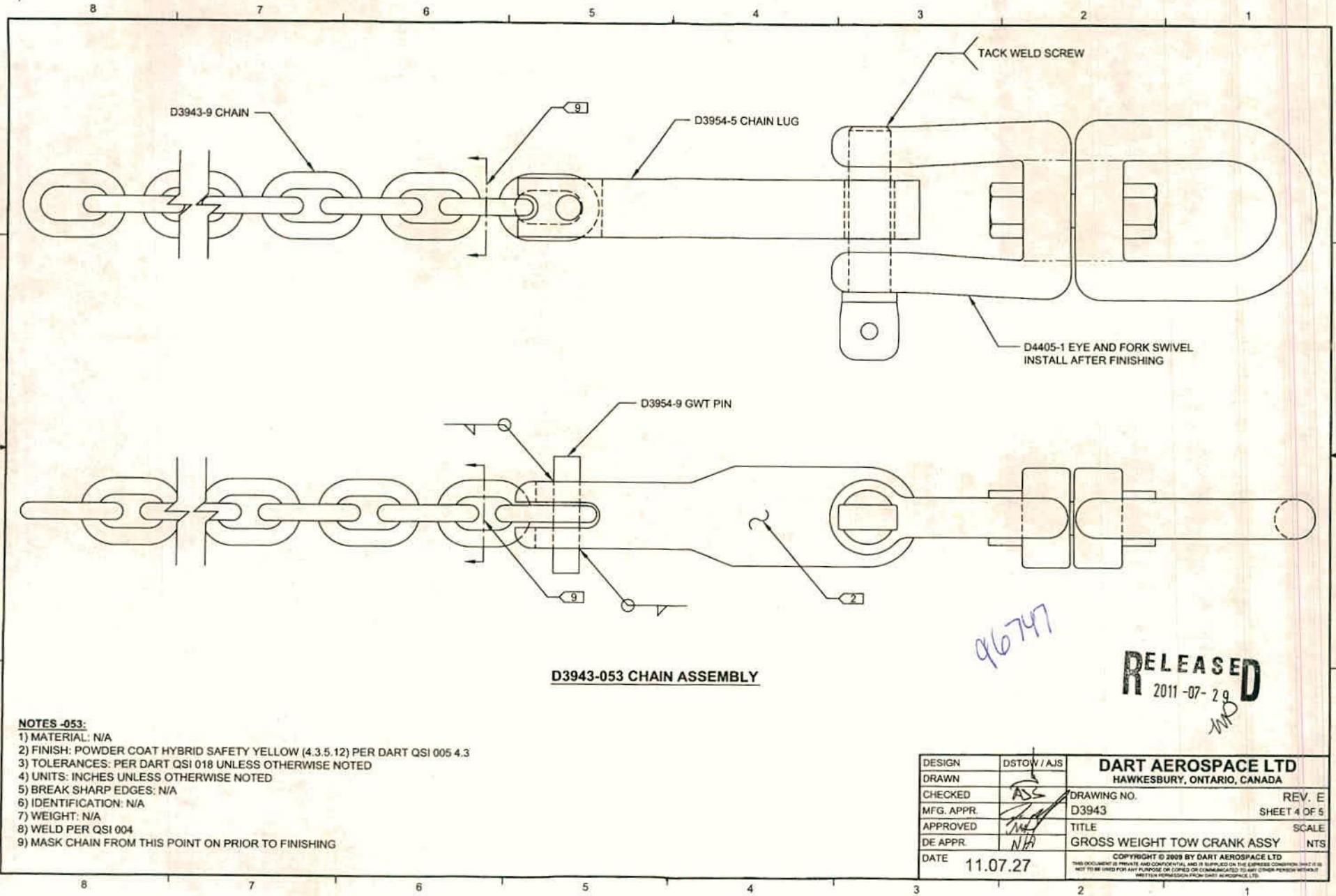
D3943-051 HANDLE ASSEMBLY

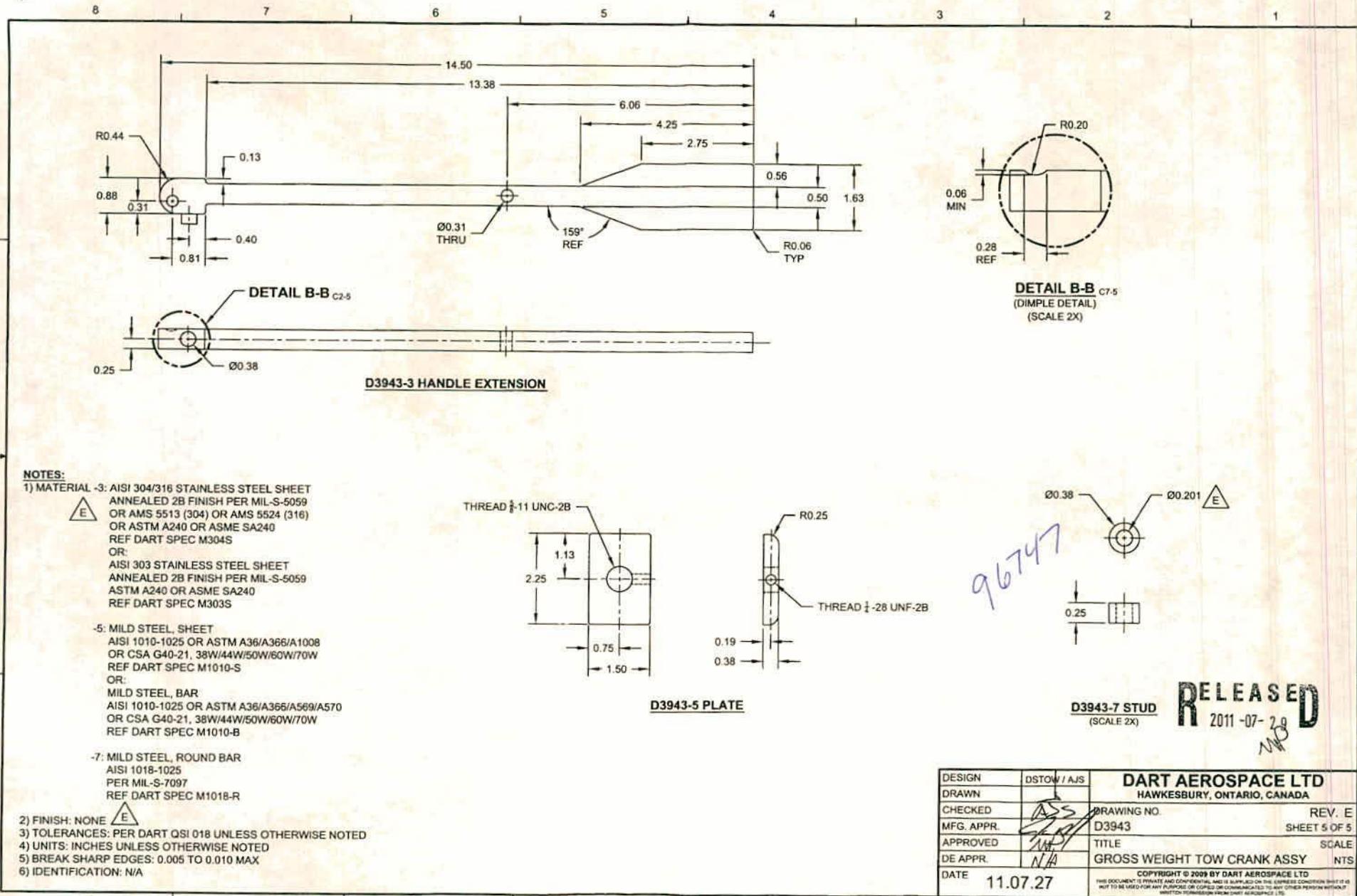
NOTES -051:

- 1) MATERIAL : N/A
- 2) FINISH: POWDER COAT HYBRID SAFETY YELLOW (4.3.5.12) PER DART QSI 005 4.3
- 3) TOLERANCES: X.XX DIMENSIONS +/- 0.06 ALL OTHERS
PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) MASK ALL THREADS PRIOR TO FINISHING

DESIGN	DSTOW / AJS	DART AEROSPACE LTD
DRAWN		HAWKESBURY, ONTARIO, CANADA
CHECKED	ASS	DRAWING NO. REV. E
MFG. APPR.		D3943 SHEET 3 OF 5
APPROVED	MP	TITLE SCALE
DE APPR.	N/A	GROSS WEIGHT TOW CRANK ASSY NTS
DATE	11.07.27	COPYRIGHT © 2003 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS PROVIDED OR FOR ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

RELEASED
2011-07-29
MM







Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO19004**

Purchase Order Date 2/01/13
PO Print Date 2/01/13

Page Number 1 of 1

Order From : VC-PRI001

PRINCESS AUTO LTD.
P.O. BOX 1005
WINNIPEG, MB R3C 2W7
CA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	613 247 1651	Requisition Nbr	
Vendor Fax	613 247 1657	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED
F 13/2/13

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	8143919	Lever Chain Hoist	2/06/13 Yes	6.00 Each	FedEx PI collect	\$159.9900	\$959.94

Specia^l AS PER DWG D3943 REV. E
B96747
PRINCESS AUTO P/N: 8143919

PO Total:

\$959.94

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required YES NO

Change Nbr:

1

Change Date: 2/01/13

From
E-FULFILLMENT CENTRE
8620 ESCARPMENT WAY
MILTON ONTARIO
L9T 0M1

To
. BOMBARDIER AERONAUTIQUE
1270 Aberdeen St

Hawkesbury ON
K6A 1K7 CAN
613-632-9577

Order Number 000814160010000
Parcel Weight 60.780

Parcel Number 02773642
PP#: 106348

ASCENT Parcel #

BOSS Parcel #



PUROLATOR

Container: EXL

Item	Description	Qty Shipped
8143919	HOIST CHAIN 2 TON LEVER	NON-001-12 2

***** THIS IS NOT AN INVOICE *****
* Thank you for your order - shipping status is available at princessauto.com *
* Questions? Comments? 1-800-665-8685 *
* Merci d'avoir passé votre commande chez Princess Auto! *
* Contactez-nous: 1-800-665-8685 *
* Vous pouvez utiliser votre numéro de commande ou les 4 derniers *
* chiffres de votre numéro de téléphone pour faire un suivi de votre colis. *

INTERNAL CALIBRATION CERTIFICATE

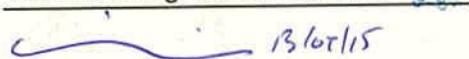
Instrument #	Description	Serial #
D3943-041	Ground Handling Crank Assembly	B96747

Calibrated by	Date of calibration	Calibrated with	Due	Certificate #
PD / ED	April 12th, 2013			

New tool	Disposed	In Repair	On Hold	Being Calibrated

Employee	Department	Comments:
N/A	N/A	MUST BE CALIBRATED WITHIN 1 YEAR OF PURCHASE OR FIRST OPERATION

Spec.	Tolerance is + / -	Result	Pass Fail
3500LBS	3500-3700LBS	3600LBS	PASS

Entered By: **DAS**
 Eric Downing QC Coordinator **16**

13/07/15